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ABSTRACT OF THE DISCLOSURE

10 A packet scheduling apparatus made it possible to
always hold priority orders determined in advance for
preferentially controlled priority queues while
guaranteeing reserved bandwidths for bandwidth guaranteed
queues. This packet scheduling apparatus is configured by
a service time computing unit for computing service times
for bandwidth guaranteed queues and priority queues
15 having high priority orders based on input plurality of
predetermined parameters, a service time comparing unit
for comparing magnitudes of the computed service times
with each other and selecting the packet to be output
first, and a parameter generating unit for generating the
20 parameters computed so as to achieve both a bandwidth
guarantee and preferential control.

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